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Docket No.: R2180.0113/P113
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kazuyasu Ohashi

Application No.: 09/988,793

Allowed: February 4, 2003

Filed: November 20, 2001

Group Art Unit: 2873

For: DOWNSIZE, HIGH PERFORMANCE,
AND WIDE RANGE MAGNIFICATION
ZOOM LENS AND CAMERA APPARATUS

Examiner: M. Hasan

79

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Submitted herewith is one set (six sheets) of formal drawings for filing in the above-identified patent application. Kindly substitute the enclosed formal drawings for the informal drawings submitted with the originally filed application.

Dated: April 7, 2003

Respectfully submitted,

By _____

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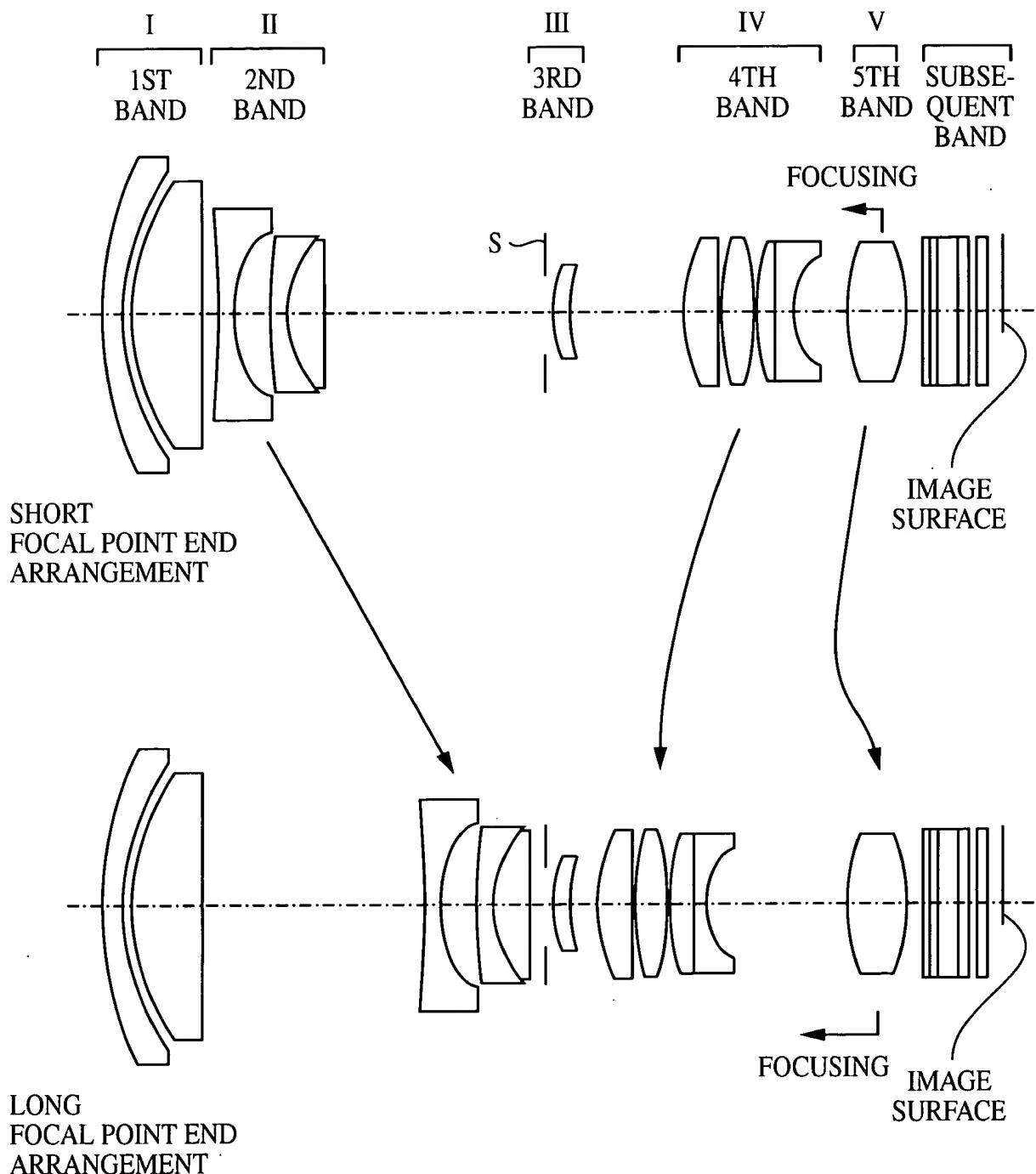


FIG. 23A



MACRO
MODE
ARRANGEMENT

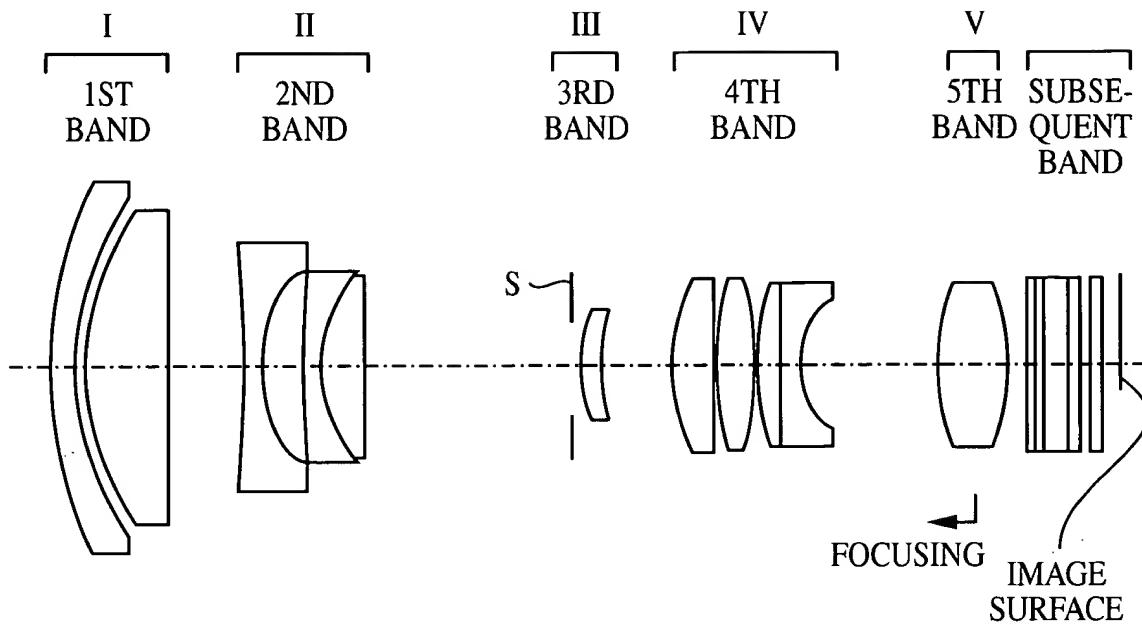


FIG. 23B

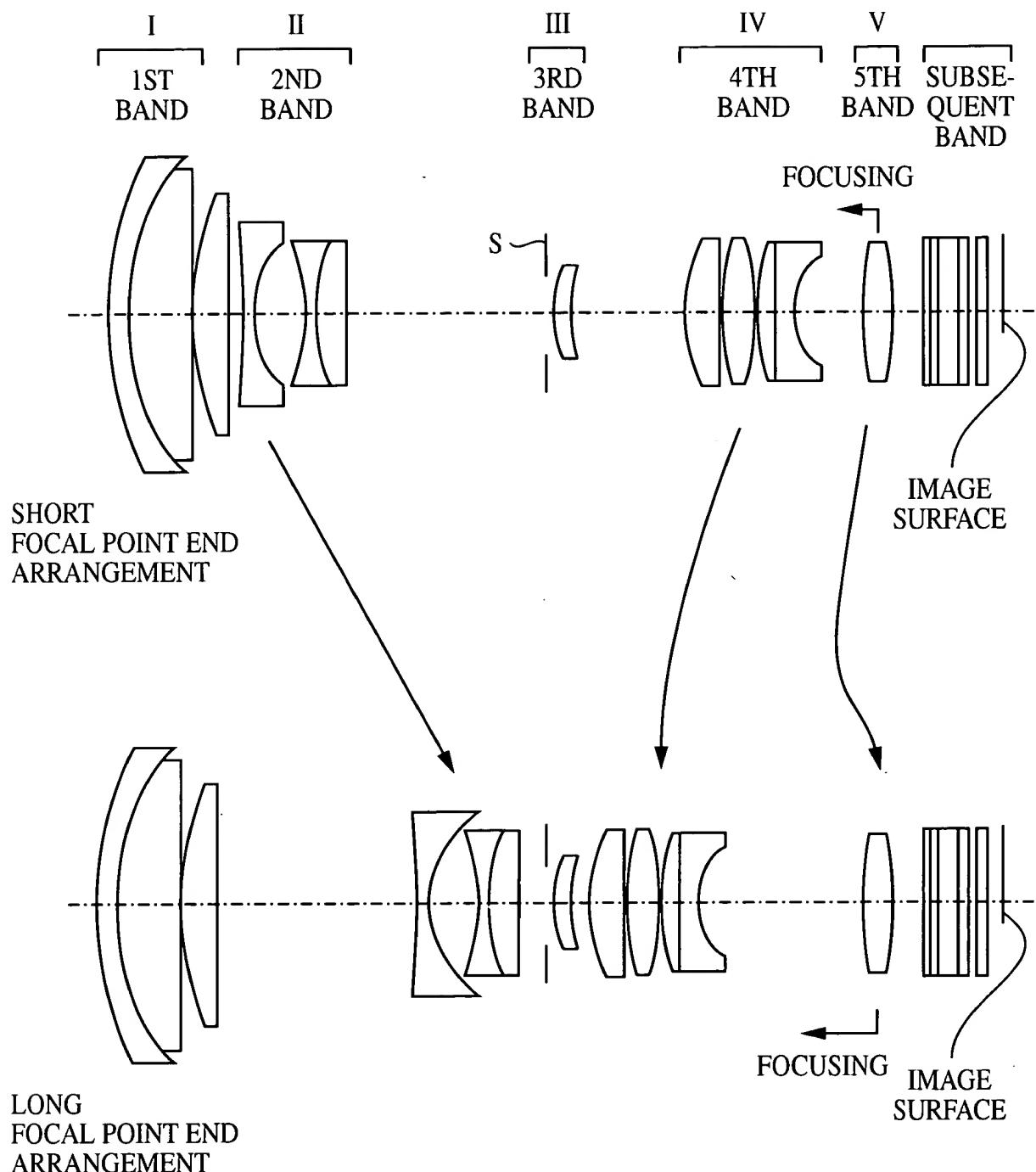


FIG. 24A



MACRO
MODE
ARRANGEMENT

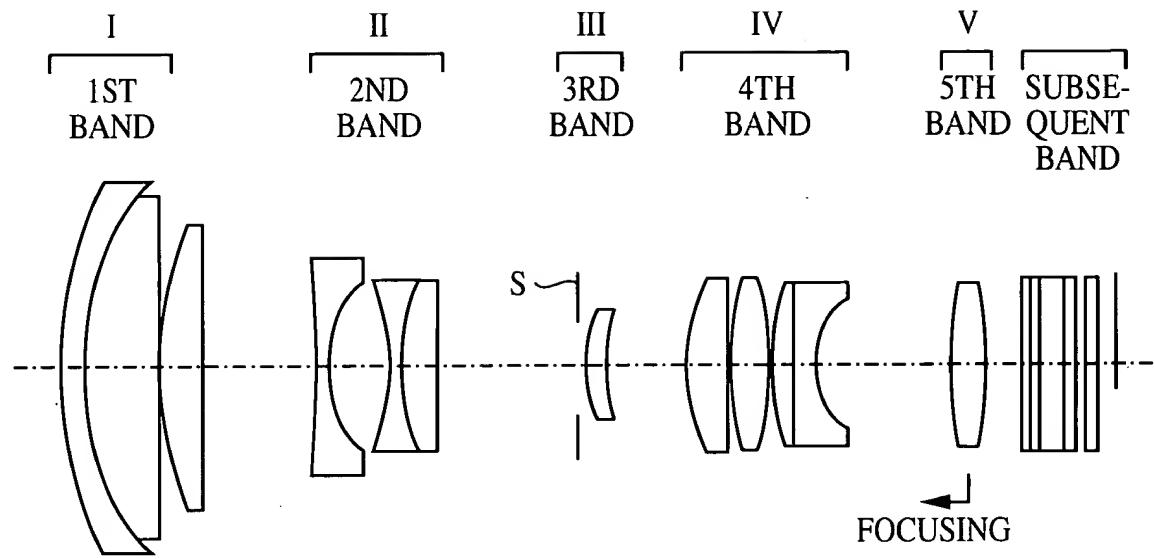
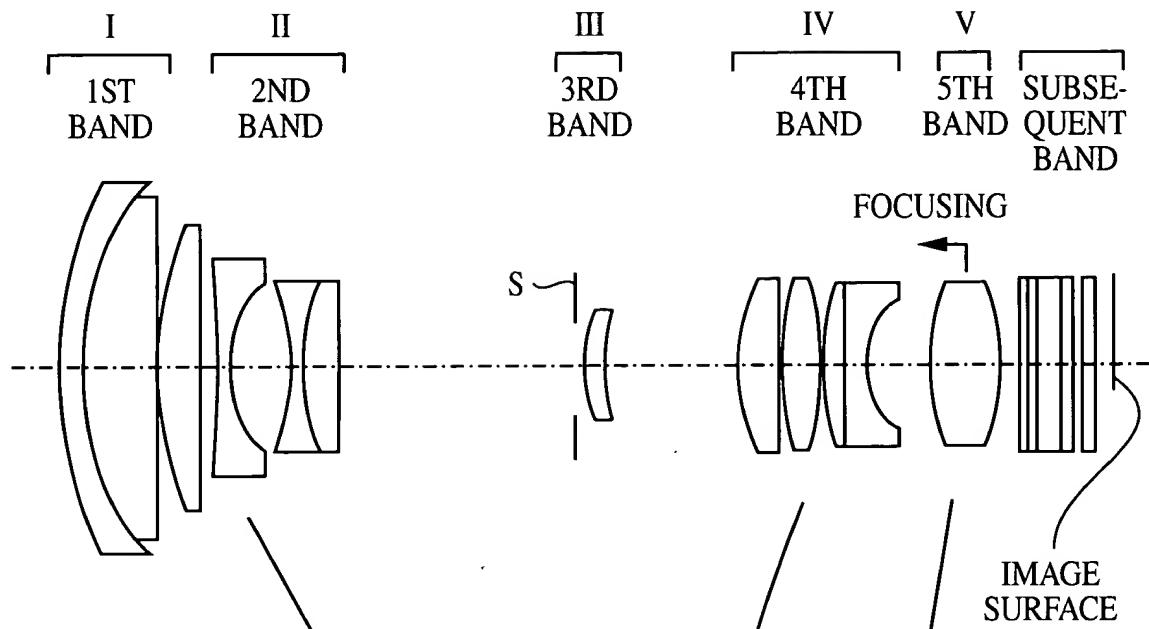


FIG. 24B



**SHORT
FOCAL POINT END
ARRANGEMENT**



**LONG
FOCAL POINT END
ARRANGEMENT**

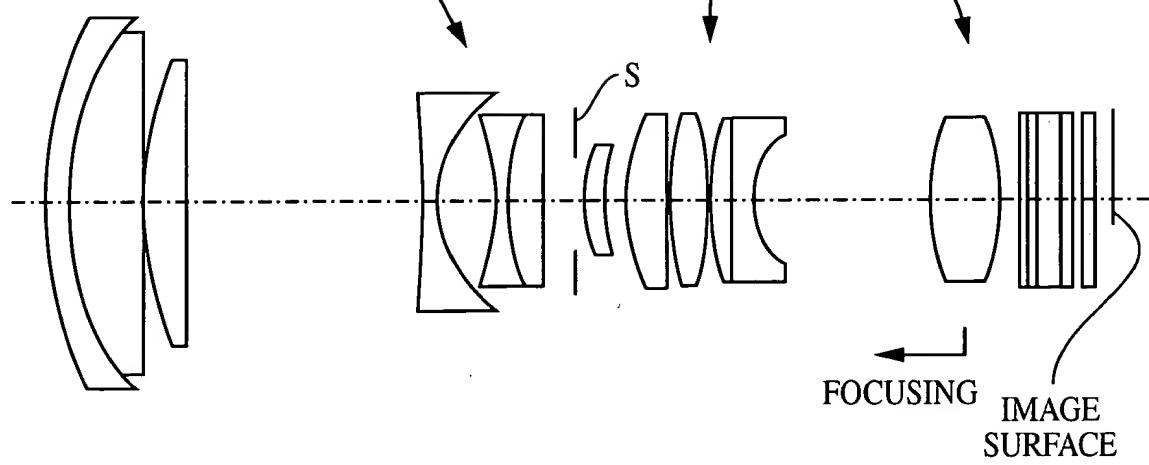


FIG. 25A



MACRO
MODE
ARRANGEMENT

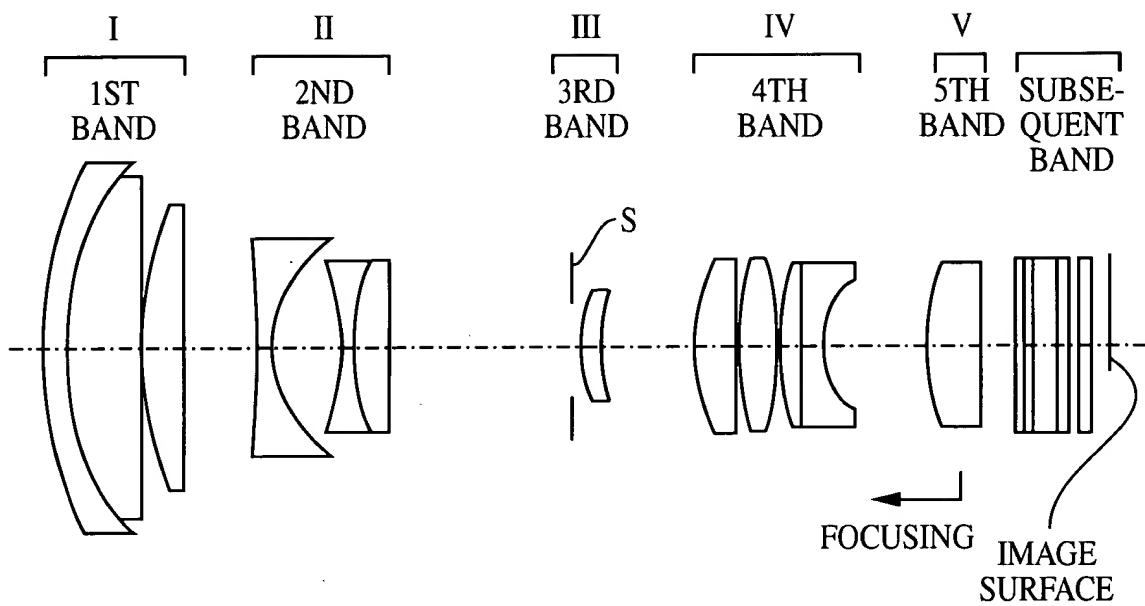


FIG. 25B